

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



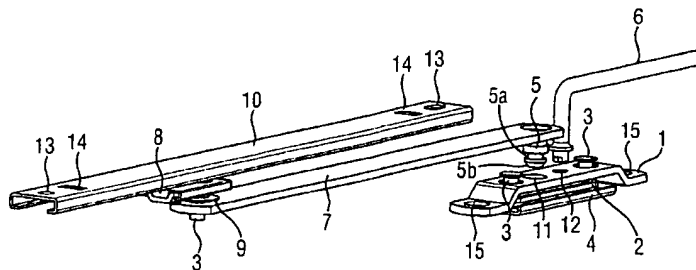
(43) International Publication Date
12 February 2004 (12.02.2004)

PCT

(10) International Publication Number
WO 2004/013438 A1

- (51) International Patent Classification⁷: **E05C 17/04**, 17/24
- (74) Agents: JACKSON, Richard, Eric et al.; Carpmaels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).
- (21) International Application Number: PCT/GB2003/002760
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 27 June 2003 (27.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0217908.3 1 August 2002 (01.08.2002) GB
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): SECURISTYLE LIMITED [GB/GB]; Kingsmead Industrial Estate, Princess Elizabeth Way, Cheltenham, Gloucestershire GL51 7RE (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): SMITH, Mathew, John [GB/GB]; 101 Two Hedges Road, Bishops Cleeve, Cheltenham, Gloucestershire, GK52 8AD (GB).
- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: RESTRICTING DEVICE



(57) Abstract: The invention provides a restricting device for a closure including a vent hingedly connected to a frame, the restricting device comprising a plate (1,4) for mounting on a frame, an arm (7) for pivotally mounting on a vent and means for releasably interengaging the arm and the plate, wherein, in use, when the plate and the arm are interengaged, the closure can only be opened a predetermined distance. The means for releasably interengaging the arm and the plate comprise a resilient means (2) adapted to engage a locking pin (5). The engagement between the arm and the plate is released by means of a release means, for example a key (6,6';6''), which is separate from the rest of the device. A preferred embodiment of the invention provides means (16,17; 18, 20) for preventing over-rotation of the key beyond a position in which the resilient means is in an optimum release position. The device is simple to use and has the advantage that it is detachable.

WO 2004/013438 A1